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NEWS 1 Web Page for STN Seminar Schedule - N. America  
NEWS 2 OCT 02 CA/Cplus enhanced with pre-1907 records from *Chemisches Zentralblatt*  
NEWS 3 OCT 19 *BEILSTEIN* updated with new compounds  
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NEWS 5 NOV 19 *WPIX* enhanced with XML display format  
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NEWS 7 DEC 04 *LINPACDOCDB* now available on STN  
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NEWS 9 DEC 17 *USPATOLD* added to additional database clusters  
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NEWS 12 DEC 17 *TOXCENTER* enhanced with 2008 MeSH vocabulary in MEDLINE segment  
NEWS 13 DEC 17 MEDLINE and LMEDLINE updated with 2008 MeSH vocabulary  
NEWS 14 DEC 17 CA/Cplus enhanced with new custom IPC display formats  
NEWS 15 DEC 17 STN Viewer enhanced with full-text patent content from *USPATOLD*  
NEWS 16 JAN 02 STN pricing information for 2008 now available  
NEWS 17 JAN 16 CAS patent coverage enhanced to include exemplified prophetic substances  
NEWS 18 JAN 28 *USPATFULL*, *USPAT2*, and *USPATOLD* enhanced with new custom IPC display formats  
NEWS 19 JAN 28 *MARPAT* searching enhanced  
NEWS 20 JAN 28 *USGENE* now provides USPTO sequence data within 3 days of publication  
NEWS 21 JAN 28 *TOXCENTER* enhanced with reloaded MEDLINE segment  
NEWS 22 JAN 28 MEDLINE and LMEDLINE reloaded with enhancements  
NEWS 23 FEB 08 STN Express, Version 8.3, now available  
NEWS 24 FEB 20 *PCI* now available as a replacement to *DPCI*  
NEWS 25 FEB 25 *IFIREF* reloaded with enhancements  
NEWS 26 FEB 25 *IMSPRODUCT* reloaded with enhancements  
NEWS 27 FEB 29 *WPINDEX/WPIIDS/WPIX* enhanced with ECLA and current U.S. National Patent Classification

NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,  
AND CURRENT DISCOVER FILE IS DATED 20 FEBRUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability  
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FILE 'HOME' ENTERED AT 12:11:36 ON 06 MAR 2008

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COST IN U.S. DOLLARS  
SINCE FILE  
ENTRY  
SESSION  
0.21  
0.21  
FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 12:12:17 ON 06 MAR 2008  
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STRUCTURE FILE UPDATES: 4 MAR 2008 HIGHEST RN 1006657-22-2  
DICTIONARY FILE UPDATES: 4 MAR 2008 HIGHEST RN 1006657-22-2

New CAS Information Use Policies. enter **HELP USAGETERMS** for details.

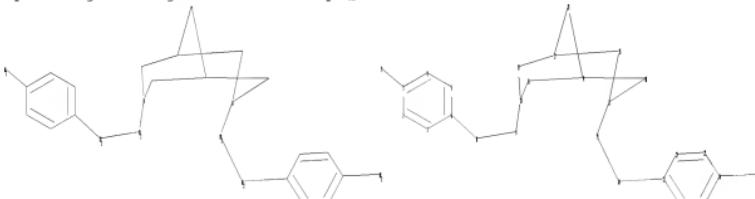
TSCA INFORMATION NOW CURRENT THROUGH January 9, 2008.

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<http://www.cas.org/support/stndgen/stndoc/properties.html>

=>  
Uploading C:\Program Files\Stnexp\Queries\10575523.str



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ring nodes :
1 2 3 4 5 6 10 11 12 13 14 15 16 17 18 21 22 23 24 25 26
chain bonds :
3-7 6-8 8-9 9-10 17-19 19-20 20-21 24-27
ring bonds :
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14-18 16-17 17-18 21-22 21-26 22-23 23-24 24-25 25-26
exact/norm bonds :
10-11 10-15 11-12 12-13 12-16 13-14 14-15 14-18 16-17 17-18
exact bonds :
3-7 6-8 8-9 9-10 17-19 19-20 20-21 24-27
normalized bonds :
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Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:Atom
11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 19:CLASS
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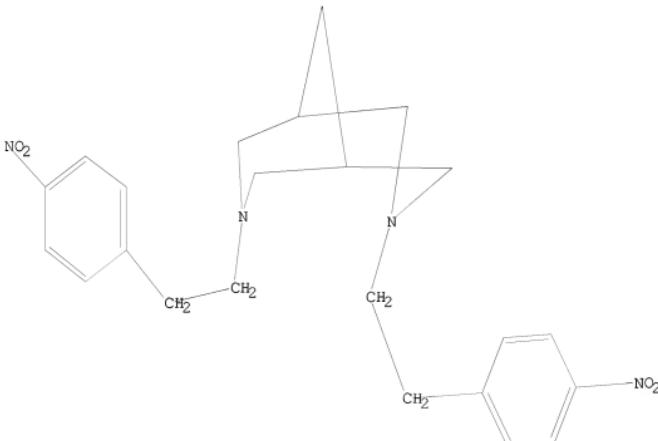
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L1        STRUCTURE UPLOADED

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=> d 11
L1 HAS NO ANSWERS
L1
          STR

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Structure attributes must be viewed using STN Express query preparation.

=> s 11

SAMPLE SEARCH INITIATED 12:13:25 FILE 'REGISTRY'  
SAMPLE SCREEN SEARCH COMPLETED - 2 TO ITERATE

100.0% PROCESSED 2 ITERATIONS 0 ANSWERS  
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*  
BATCH \*\*COMPLETE\*\*  
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PROJECTED ANSWERS: 0 TO 0

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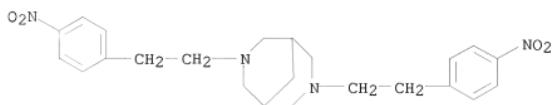
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=> d scan

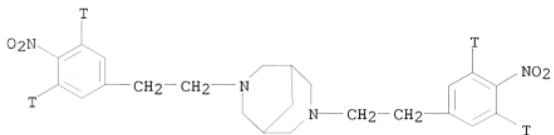
L3 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]-  
MF C23 H28 N4 O4



\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):1

L3 2 ANSWERS REGISTRY COPYRIGHT 2008 ACS on STN  
IN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl-3,5-t2)ethyl]-  
(9CI)  
MF C23 H24 N4 O4 T4



ALL ANSWERS HAVE BEEN SCANNED

=> file caplus  
COST IN U.S. DOLLARS  
SINCE FILE TOTAL  
ENTRY SESSION  
FULL ESTIMATED COST 179.28 179.49

FILE 'CAPLUS' ENTERED AT 12:13:51 ON 06 MAR 2008  
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FILE COVERS 1907 - 6 Mar 2008 VOL 148 ISS 10  
FILE LAST UPDATED: 5 Mar 2008 (20080305/ED)

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<http://www.cas.org/infopolicy.html>

=> s 13 full  
L4 2 L3  
  
=> d ibib abs hitstr tot

ACCESSION NUMBER: 2005:369205 CAPLUS

DOCUMENT NUMBER: 142:426388

TITLE: Radiolabeled bispidine compound and assay for IKr potassium channel blocking activity

INVENTOR(S): Springthorpe, Brian; Strandlund, Gert  
PATENT ASSIGNEE(S): AstraZeneca Ab, Swed.SOURCE: PCT Int. Appl., 22 pp.  
CODEN: PIXXD2DOCUMENT TYPE: Patent  
LANGUAGE: English

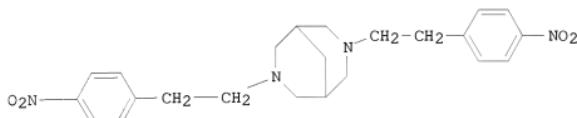
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

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WO 2005037052	A2	20050428	WO 2004-SE1499	20041018
WO 2005037052	A3	20050707		
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EP 1678499	A2	20060712	EP 2004-793802	20041018
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, FI, RO, CY, TR, BG, CZ, EE, HU, PL, SK				
CN 1871516	A	20061129	CN 2004-80030753	20041018
JP 2007513874	T	20070531	JP 2006-536480	20041018
US 2007048215	A1	20070301	US 2006-575523	20060412
IN 2006DN02605	A	20070824	IN 2006-DN2605	20060509
PRIORITY APPLN. INFO.:			SE 2003-2775	A 20031020
			WO 2004-SE1499	W 20041018

OTHER SOURCE(S): CASREACT 142:426388

GI



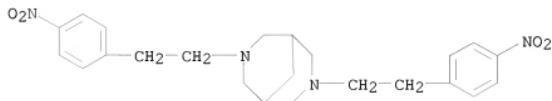
I

AB The present invention relates to a labeled ligand compound that is useful in a method of identifying, testing and/or screening of compds. modulating ion channels, in particular myocardial IKr channels such as those encoded by ERG, including HERG. The ligand compound is therefore of use to evaluate the affinity of preclin. compds. at the ERG potassium channel. The ligand compound is I or salts, hydrates or solvates thereof and comprises at least one radiolabel. A process for preparation of tritium-labeled I is claimed.

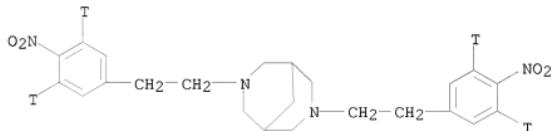
IT 389885-75-0D, salts, hydrates, solvates 850359-99-8D, salts

RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);

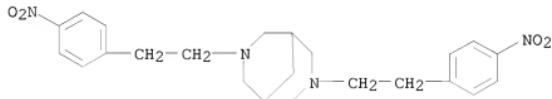
ANST (Analytical study); BIOL (Biological study); USES (Uses)  
(radiolabeled bispidine compound and assay for IKr potassium channel  
blocking activity)  
RN 389885-75-0 CAPLUS  
CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]- (CA INDEX  
NAME)



RN 850359-99-8 CAPLUS  
CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl-3,5-t2)ethyl]-  
(9CI) (CA INDEX NAME)



RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);  
SPN (Synthetic preparation); ANST (Analytical study); BIOL (Biological  
study); PREP (Preparation); USES (Uses)  
(radiolabeled bispidine compd. and assay for IKr potassium channel  
blocking activity)  
IT 389885-75-0  
RL: ARG (Analytical reagent use); BSU (Biological study, unclassified);  
ANST (Analytical study); BIOL (Biological study); USES (Uses)  
(titration of; radiolabeled bispidine compound and assay for IKr potassium  
channel blocking activity)  
RN 389885-75-0 CAPLUS  
CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl]- (CA INDEX  
NAME)



ACCESSION NUMBER: 2002:51458 CAPLUS

DOCUMENT NUMBER: 136:118479

TITLE: Preparation of new bispidine compounds for the treatment of cardiac arrhythmias

INVENTOR(S): Andersson, Kjell; Bjoere, Annika; Bjoersne, Magnus; Ponten, Fritiof; Strandlund, Gert; Svensson, Peder; Tottie, Louise

PATENT ASSIGNEE(S): Astrazeneca AB, Swed.  
SOURCE: PCT Int. Appl., 110 pp.

DOCUMENT TYPE: Patent

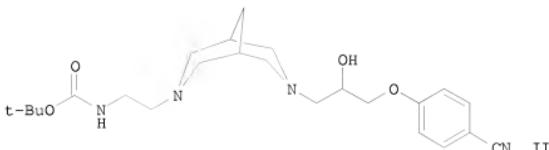
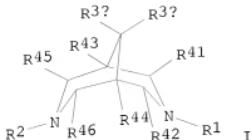
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002004446	A1	20020117	WO 2001-SE1544	20010704
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
CA 2412848	A1	20020117	CA 2001-2412848	20010704
EP 1301510	A1	20030416	EP 2001-950132	20010704
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BR 2001012267	A	20030520	BR 2001-12267	20010704
HU 2003001304	A2	20030828	HU 2003-1304	20010704
JP 2004502772	T	20040129	JP 2002-509311	20010704
NZ 523540	A	20040730	NZ 2001-523540	20010704
EE 200300013	A	20041015	EE 2003-13	20010704
ZA 2002010160	A	20040315	ZA 2002-10160	20021213
IN 2002MN01812	A	20050204	IN 2002-MN1812	20021216
MX 2002PA12942	A	20031006	MX 2002-PA12942	20021219
NO 2003000057	A	20030131	NO 2003-57	20030106
US 2003212095	A1	20031113	US 2003-332103	20030514
PRIORITY APPLN. INFO.:			SE 2000-2603	A 20000707
			SE 2000-2788	A 20000727
			WO 2001-SE1544	W 20010704

OTHER SOURCE(S): MARPAT 136:118479  
GI



AB The title compds. [I; R1 = ACR4R5BR6 (wherein R4 = H, halo, alkyl, etc.; or R4, together with R5, = O; R5 = H, alkyl,; A = a bond, alkylene, etc.; B = a bond, alkylene, etc.; R6 = (un)substituted aryl, 5-12 membered heterocyclyl containing one or more heteroatoms selected from O, N and/or S); R2 = CN, (un)substituted 5-12 membered heterocyclyl containing one or more heteroatoms selected from O, N and/or S, etc.; R3a, R3b = H, alkyl, etc.; or R3a and R3b together = alkylene, O(alkylene)O, etc.; R41-R46 = H, alkyl] which are useful in the prophylaxis and in the treatment of arrhythmias, in particular atrial and ventricular arrhythmias, were prepared E.g., a 3-step synthesis of II was given. The exemplified compds. I showed pIC50 of at least 5.5 in glucocorticoid-treated mouse fibroblasts as a model to detect blockers of the delayed rectifier K current.

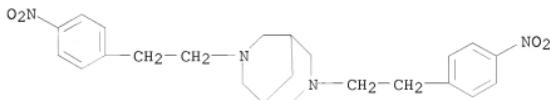
IT 389885-75-0P

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(preparation of new bispidine compds. for the treatment of cardiac arrhythmias)

RN 389885-75-0 CAPLUS

CN 3,7-Diazabicyclo[3.3.1]nonane, 3,7-bis[2-(4-nitrophenyl)ethyl] - (CA INDEX NAME)



REFERENCE COUNT:

10

THERE ARE 10 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'REGISTRY' ENTERED AT 12:12:17 ON 06 MAR 2008  
L1 STRUCTURE uploaded  
L2 0 S L1  
L3 2 S L1 FULL

FILE 'CAPLUS' ENTERED AT 12:13:51 ON 06 MAR 2008  
L4 2 S L3 FULL

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ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF

LOGOFF? (Y/N/HOLD:y			
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)		SINCE FILE	TOTAL
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